Patent

Attorney's Docket No. 040071-531 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Patent Application of Harald GUSTAFSSON Group Art Unit: 2641 Application No.: 10/022,245 Examiner: Unassigned Filed: December 20, 2001 Confirmation No.: 7123 For: SPEECH BANDWIDTH EXTENSION OCT 1 0 2002 INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER Technology Center 2600

**Assistant Commissioner for Patents** Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

[X]	No additional fee for submission of an IDS is required.
[]	The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
[X]	A certification under 37 C.F.R. § 1.97(e) is also enclosed.
[]	A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
[]	Charge \$to Deposit Account No. 02-4800 for the fee due.
[]	A check in the amount of \$ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620

Date: October 9, 2002

Kenneth B. Leffler Registration No. 36,075



Patent Attorney's Docket No. <u>040071-531</u>

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)	
Harald GUSTAFSSON	) Group Art Unit: 2641	
Application No.: 10/022,245	) Examiner: Unassigned	
Filed: December 20, 2001	) Confirmation No.: 7123	RECEIVED
For: SPEECH BANDWIDTH EXTENSION	)	OCT 1 0 2002

## **INFORMATION DISCLOSURE STATEMENT**

Technology Center 2600

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

International Search Report issued in connection with International Application No. PCT/EP02/00181, mailed September 16, 2002:

PCT Patent Publication No. WO01/67437 A, September 13, 2001.

PCT Patent Publication No. WO98/52187 A, November 19, 1998.

Yan Ming Cheng et al.: "Statistical recovery of wideband speech from narrowband speech", IEEE Transactions on Speech and Audio Processing, Vol. 2, No. 4, October 1994, pages 544-548, XP000874178.

Patent Abstracts of Japan, Vol. 1997, No. 06, 30 June 1997 and Japanese Patent Publication JP 09 055778 A, February 25, 1997.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore under 37 C.F.R. § 1.97(b) no fee or statement is required.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Information Disclosure Statement Application No. 10/022,245 Attorney's Docket No. 040071-531 Page 2

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in § 1.56(c)

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

more than 30 (thirty) days prior to the filing of this Information Disclosure Statement.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: October 9, 2002

Kenneth B. Leffler

Registration No. 36,075

P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620 INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

SHEET 1 OF 1

ATTORNEY'S DKT NO. 040071-531

APPLICATION NO. 10/022,245

APPLICANT

Harald GUSTQAFSSON

FILING DATE December 20, 2001 **GROUP** 2641

			U.S. PATENT DOCU	UMIENTS					
	U.S. Patent D	Ocument							
Examiner Initials	Number	Kind Code Name of Patentee or Applicant Number (if known) of Cited Document			Date of Publication (MM-DD-YYYY)				
		(// 1.0.0	0.0.000	oodinion.		(101101-155-1			
-			<del></del>						
						RE(	CEIVED		
						ł			
						001	1 0 2002		
						Technolo	gy Center 2		
			<del></del>						
- Harana Programma Caral C	7.3				2000				
		FO	REIGN PATENT DO	CUMENTS					
	Foreign Patent								
Examiner Initials	Number	Kind Code (if known)	Country			ate of Publication (MM-DD-YYYY)	Translation Yes no		
	WO01/67437		PCT			ember 13, 2001	1 1		
	WO98/52187		PCT		Nov	ember 19, 1998			
	JP09055778		Japan (English A	bstract)	Feb	ruary 25, 1997			
1.		NON P	ATENT LITERATURI	DOCUMEN	ITS				
	Include	name of author	(in CAPITAL LETTERS),	title of the arti	cle (whe	n appropriate), title of	the		
Examiner Initials	item (book,	magazine, jourr	nal, serial, symposium, ca publisher, city and/or co				ber(s),		
	YAN MING CHENG et al., Statistical recovery of wideband speech from narrowband speech", IEEE Transactions on								
	Speech and Audio F	Processing, Vol.	2, No. 4, October 1994,	pages 544-54	8, XP00	0874178.	<del></del>		
*	<del> </del>			<del></del>					
			<del>// */**</del>						
		· · · · · · · · · · · · · · · · · · ·							
				-		· · · · · · · · · · · · · · · · · · ·			
	<del> </del>		·			<del></del>			
Evaminar	1			Data			<del></del>		
Examiner Signature				Date Considered	1				